

# Subject Index, Vol. 97, Nos. 1-12, 1982

## A

### ACNE

Topical Acne Agents, Jun, 31  
Topical Acne Drug Products for OTC Human Use, Jun, 35

### AEROSOL

Aerosol compositions in recent United States patent literature, Jan, 48  
Aerosol Formulary, Jan, 68  
Aerosols—unique and efficient, Jan, 45  
Charging techniques, Jan, 51  
Cosmetic aerosol product quality assurance, Jan, 57  
Cosmetic aerosol products, Jan, 27  
Hydrocarbon aerosol propellants today and tomorrow, Jan, 35  
International Aerosol Industry, Jan, 77

### AGING

New Keys to Cosmetic Chemistry, Feb, 59; May, 89; Aug, 45; Dec, 65

### ALLERGY

New Keys to Cosmetic Chemistry, Feb, 56; May, 87; Aug, 43; Dec, 63

### ANTIBACTERIALS

New Keys to Cosmetic Chemistry, Feb, 58; May, 89

### ANTIMICROBIALS

The Antimicrobial Activity of Phenolic Antioxidants in Aqueous Solution, Nov, 61  
New Keys to Cosmetic Chemistry, Aug, 45; Dec, 64

### ANTIOXIDANTS

The Antimicrobial Activity of Phenolic Antioxidants in Aqueous Solution, Nov, 61

## ANTIPERSPIRANTS

Point of View: Fragrance Compounders Becoming Product Developers, Jul, 17

## B

### BACTERIA

Improved Method for the Enumeration of Gram-Negative Bacteria in Cosmetics, Jun, 63

### 1982 C&T Documentaries

Aerosol—January  
Cosmetic Thickeners—March  
Personal Cleaners/Bath Products—July  
Preservatives and Contract Sterilization—November

### BATH PRODUCTS

A Fragrance Genealogy of the European Bath and Bathing Market, Oct, 75  
Fragrances of Mass Market Bath and Bathing Products, Jul, 45  
The Measurement of the Refatting Effect of Oxyethylated Partial Glycerides In Bath Preparations, Jul, 87  
Notes from the Orient: Furo and Bubble Bath, Jul, 31  
Personal Cleaners/Bath Products Formulary, Jul, 91  
What Is a Bath Product Line?, Jul, 41

## BOOK REVIEWS

- Antimicrobial Food Additives**, Lueck, E., 1980, Nov, 103
- Bailey's Industrial Oil & Fat Products**, Vol. 2, 4th Ed., D. Swern, ed., 1982, Dec, 71
- Cosmetic Index**, Proserpio, G., Bardini, E. and Massera, A. M., eds., Nov, 103
- CTFA Cosmetic Ingredient Dictionary**, 3rd Ed., Estrin, N. F., Crosley, P. A. and Haynes, C. R., eds., Sep, 143
- Cosmetria, Fundamentos Científicos y Técnicos**, Viglioglia, P. A. and Rubin, J., 1979, Apr, 108
- Encyclopedia of Chemical Technology** (Kirk-Othmer), 3rd Ed., Vols. 17 and 18, 1982, Dec, 71
- Foreign Travel & Immunization Guide**, 11th Ed., Neumann, H. H., 1982, Oct, 84
- Hair Research**, Orfanos, C. E., Montagna, W. and Stutigen, G., eds., 1981, Oct, 83
- Handbook of Vitamins, Minerals & Hormones**, Kutsky, R. J., 1981, Nov, 103
- Principles of Medicinal Chemistry**, 2nd Ed., Foye, W. O., 1981, Sep, 143
- Proceedings of the International Symposium on Lanolin and Lanolin Derivatives**, 1982, Apr, 107
- McCutcheon's Emulsifiers & Detergents**, North American Ed., International Ed., and Functional Materials, 1982, Sep, 143

## BUBBLE BATH

Notes from the Orient: Furo and Bubble Bath, Jul, 31

## C

## CELLS

New Keys to Cosmetic Chemistry, Feb, 49; May, 80; Aug, 37; Dec, 52

## CHINA

Cosmetics in China, Sep, 80

## CLAIM SUBSTANTIATION

The Chemist and Claim Substantiation, Oct, 57  
The Role of Human Testing in Claim Substantiation, Oct, 69

## CLEANSERS

Some Recent Patents for Personal Cleansers, Jul, 81

## COLLAGEN

Collagen in Cosmetics: Misconceptions of Its Mode of Action, May, 35  
New Keys to Cosmetic Chemistry, Feb, 52; May, 81; Aug, 38; Dec, 54

## COLOR ADDITIVES

25th Annual Food & Drug Law Institute Conference Report, Feb, 81

## CONNECTIVE TISSUE

New Keys to Cosmetic Chemistry, Feb, 53; May, 84; Aug, 40; Dec, 60

## CONSUMER TESTING

The Role of Human Testing in Claim Substantiation, Oct, 69

## COSMETIC CHEMISTRY

New Keys to Cosmetic Chemistry, Feb, 43; May, 77; Aug, 34; Dec, 49

## D

## DENTIFRICES

Dentifrices: Perspectives, May 40  
Efficacy of Dentifrices—Formulation and Evaluation, Oct, 45

## E

## EMOLLIENTS

A Practical View of Emollients: The Multi-Functional Ingredient, Aug, 63

## EMULSIONS

Current Aspects of Cosmetic Science VII: The Predictive Determination of Emulsion Stability, Aug, 27  
Thickening Oil-In-Water Emulsions, Mar, 27

## ENZYMES

New Keys to Cosmetic Chemistry, Feb, 54; May, 85; Dec, 60

## F

## FORMULARY

Aerosol, Jan, 68  
Personal Cleaners/Bath Products, Jul, 91

## FORMULATION

Formulation Technology of Liquid Soaps, Jul, 49  
Point of View: Fragrance Compounders Becoming Product Developers, Jul, 17

## FRAGRANCES

A Fragrance Genealogy of the European Bath and Bathing Market, Oct, 75  
Fragrances of Mass Market Bath and Bathing Products, Jul, 45

## FRANCE

French Cosmetic Market, Sep, 47

## G

### GELS

A Pre-Formulation Evaluation of Lanolin and Lanolin Derivatives in a Gel System, **Dec**, 43

## H

### HAIR

Effects of Cosmetic Treatments on the Ultra-structure of Hair, **Aug**, 22

New Keys to Cosmetic Chemistry, **May**, 79; **Aug**, 36; **Dec**, 52

### HISTORY

History of the Cosmetics and Toiletries Industry, **Mar**, 33

### HORMONES—RECEPTORS

New Keys to Cosmetic Chemistry, **Feb**, 54; **Aug**, 41; **Dec**, 60

### p-HYDROXYBENZOATES

The Role of p-Hydroxybenzoates in Modern Cosmetics, **Nov**, 85

## I

### INFLAMMATION

New Keys to Cosmetic Chemistry, **Feb**, 58; **May**, 89; **Aug**, 45; **Dec**, 64

### INTERNATIONAL

International Aerosol Industry, **Jan**, 77

International Cosmetic Regulations Conference Report, **Nov**, 99

International Federation of Societies of Cosmetic Chemists, 9th Congress Program & Abstracts, **Sep**, 39, 89

## J

### JAPAN

Outlook of Japan Cosmetic Industry, **Sep**, 67

### JOJOBA

A study of jojoba oil, its derivatives and other cosmetic oils, **Feb**, 67

## L

### LANOLIN

A Pre-Formulation Evaluation of Lanolin and Lanolin Derivatives in a Gel System, **Dec**, 43

## M

### METHODS

Improved Method for the Enumeration of Gram-Negative Bacteria in Cosmetics, **Jun**, 63

New Keys to Cosmetic Chemistry, **Feb**, 62; **May**, 92; **Aug**, 47; **Dec**, 68

Preservative Efficacy Testing of Cosmetic Products—Rechallenge Testing and Reliability of the Linear Regression Method, **May**, 61

Protection of Skin by Cationic Cellulosics: In-vitro Testing Methods, **Jul**, 55

A Rapid and Reliable Method for Determining Viscosity on Stability Samples, **Oct**, 40

### MICROEMULSIONS

Microemulsions, **Jun**, 55

## N

### NAILS

Current aspects of cosmetic science. V. The Human Nail, **Feb**, 33

## O

### ORIENT

Notes from the Orient, **Jan**, 13; **Mar**, 21; **May**, 13; **Jun**, 16; **Jul**, 31; **Sep**, 21; **Dec**, 23

### OLFACTION—TASTE

New Keys to Cosmetic Chemistry, **Feb**, 62; **May**, 91; **Aug**, 47; **Dec**, 67

### OVER-THE-COUNTER

Regulatory Review, monthly column

Topical Acne Drug Products for OTC Human Use, **Jun**, 35

Topical Antifungal Drug Products for OTC Human Use, **Jul**, 113

### 1982 C & T Regular Columns

Desiderata by M. G. deNavarre

Notes from the Orient by T. Joseph Lin, PhD

Patent Report by Dolores Kenney

Regulatory Review by Herman E. Jass, PHD

## P

### PATENTS

Aerosol compositions in recent United States patent literature, **Jan**, 48

Patent Report, monthly column

Some Recent Patents for Personal Cleansers, **Jul**, 81

## **PERMEABILITY**

New Keys to Cosmetic Chemistry, **Feb**, 54;  
**May**, 85; **Aug**, 41; **Dec**, 61

## **PIGMENTATION**

New Keys to Cosmetic Chemistry, **Feb**, 59;  
**May**, 89; **Aug**, 45; **Dec**, 65

## **PRESERVATIVES**

Cosmetic Formulas Preserved with Food-Grade  
Chemicals, Part I, **Nov**, 71; Part II, **Nov**, 77

Cosmetic Preservatives Encyclopedia, **Nov**, 31

Directory of Cosmetic Preservatives Suppliers,  
**Nov**, 54

Frequency of Preservative Use in Cosmetic  
Formulas as Disclosed to FDA—1982 Update,  
**Nov**, 57

Germaben II—A Complete Preservative System  
in Clear Liquid Form, **Nov**, 89

Germall II—A New Broad Spectrum Cosmetic  
Preservative, **Jun**, 49

Preservative Efficacy Testing of Cosmetic  
Products—Rechallenge Testing and Reliability  
of the Linear Regression Method, **May**, 61

## **PROPELLANTS**

Hydrocarbon aerosol propellants today and  
tomorrow, **Jan**, 35

## **PROTEINS**

New Keys to Cosmetic Chemistry, **Feb**, 50;  
**May**, 81; **Aug**, 38; **Dec**, 53

## **Q**

## **QUALITY ASSURANCE**

Cosmetic aerosol product quality assurance,  
**Jan**, 57

## **R**

## **REGULATIONS**

Regulatory Review, monthly column

## **S**

## **SAFETY**

Assessment of Safety and Efficacy of Topical  
Drugs and Cosmetics, **Feb**, 79

Merker on Safety/Toxicology: Cosmetic Safety  
Assessment Considerations for Management  
and Scientific Personnel, **Jul**, 35

## **SEBUM**

New Keys to Cosmetic Chemistry, **May**, 79;  
**Aug**, 37; **Dec**, 52

## **SHAMPOO**

New Surfactants for Shampoo Formulations,  
**Oct**, 61

Shampoo Thickeners, **Mar**, 53

## **SKIN**

Electrical Measurement of the Water Content  
of the Skin Surface, **Jun**, 39

Maturation and Senescence of the Skin, **Feb**,  
**77**

New Keys to Cosmetic Chemistry, **Feb**, 43;  
**May**, 77; **Aug**, 34; **Dec**, 49

The Physiological Condition of Skin Surface  
and Skin Type, **Aug**, 51

Protection of Skin by Cationic Cellulosics: In-  
Vitro Testing Methods, **Jul**, 55

Technology Report: Skin-evaluative Methods,  
**Feb**, 71

## **SOAPs**

Formulation Technology of Liquid Soaps, **Jul**,  
**49**

Irritancy assessment of toilet soaps, **Feb**, 38

Liquid Soaps: Thesis—Antithesis—Synthesis, **Jul**,  
**72**

Some unique toilet bar compositions, **Feb**, 37

## **SOCIETY OF COSMETIC CHEMISTS**

Annual Meeting Announcement, **Nov**, 28

Chapter Calendars, monthly feature

SCC/COSA Educational Conference Reports  
on Maturation and Senescence of the Skin,  
**Feb**, 77

on Sunlight and Skin, **Aug**, 66

## **SOLUBILIZATION**

Current Aspects of Cosmetic Science. VI. Sol-  
ubilization, **Oct**, 49

## **STABILITY**

Current Aspects of Cosmetic Science VII: The  
Predictive Determination of Emulsion Stability,  
**Aug**, 27

A Rapid and Reliable Method for Determining  
Viscosity on Stability Samples, **Oct**, 40

## **STERILIZATION**

Directory of Contract Sterilization Facilities,  
**Nov**, 53

Radiation Sterilization in the Cosmetic  
Industry—1982 Update, **Nov**, 96

## **STRUCTURE—ACTIVITY**

New Keys to Cosmetic Chemistry, **Feb**, 61;  
**May**, 90; **Aug**, 46; **Dec**, 66

## **SUNLIGHT**

Society of Cosmetic Chemists Committee on  
Scientific Affairs 1982 Annual Educational  
Conference "Sunlight & Skin," **Aug**, 66

## **SUNSCREENS**

GLC Analysis of Multiple Absorber Sunscreens,  
**May**, 67

**SWEAT**

New Keys to Cosmetic Chemistry, **Feb.**, 49;  
**May**, 79; **Aug.**, 37

**SYNDET**

The Formulation and Properties of Syndet Bars,  
**Jul.**, 77

**T****TAIWAN**

Taiwan Cosmetic Industry, **Sep.**, 77

**TEETH**

New Keys to Cosmetic Chemistry, **Feb.**, 63;  
**May**, 93; **Aug.**, 47; **Dec.**, 68

**THICKENERS**

Cosmetic Thickeners Encyclopedia, **Mar.**, 65

Shampoo Thickeners, **Mar.**, 53

Thickeners Documentary/Encyclopedia, **Mar.**,  
25

**THICKENING**

Thickening Oil-in-Water Emulsions, **Mar.**, 27

**THICKNESS**

Sensory Analysis of "Thickness," **Mar.**, 35

**V****VISCOSITY**

A Rapid and Reliable Method for Determining  
Viscosity on Stability Samples, **Oct.**, 40

**VITAMINS**

New Keys to Cosmetic Chemistry, **Feb.**, 62;  
**Aug.**, 47

# Author Index,

## Vol. 97, Nos. 1-12, 1982

Akasaka, H., **Nov.**, 65

Alexander, P., **Jul.**, 81

Alter, L. J., **Feb.**, 81

Ball, A., **Oct.**, 40

Belcher, J., **Jan.**, 45

Berke, P. A., **Jun.**, 49; **Nov.**, 89

Blanchi, R., **Sep.**, 47

Brown, H., **Aug.**, 63

Brueggen, L. R., **May.**, 61

Cadicamo, J. J., **Feb.**, 67

Cadicamo, P. A., **Feb.**, 67

Cambral, M., **Dec.**, 33

Chvapil, M., **May.**, 35

Clar, E. J., **Dec.**, 33

Crespiatico, D., **Jan.**, 51

Cumpelik, B. M., **May.**, 67

D'Agostinis, G., **Jan.**, 51

Decker, R. L., **Nov.**, 57

Dellas, J. G., **Jul.**, 45; **Oct.**, 75

deNavarre, M. G., monthly col-  
umn (except Jan)

Dietz, G. R., **Nov.**, 96

El-Nokaly, M., **Jun.**, 55

Frank, E. M., **Jul.**, 49

Fredriksson, T., **Jun.**, 31

Friberg, S. E., **Jun.**, 55

Gerstein, T., **Oct.**, 57

Goddard, E. D., **Jul.**, 55

Gomolka, M., **Dec.**, 43

Gour, L., **Jun.**, 63

Henry, S. M., **Nov.**, 32

Hermsdorf, H., **Jul.**, 87

Huber, W., **Jul.**, 72

Hunting, A. L. L., **Mar.**, 53

Inoue, H., **Aug.**, 51

Jacobs, G., **Nov.**, 32

Jaramillo, J., **Oct.**, 40

Jass, H. E., **Jun.**, 35; **Jul.**, 113; **Aug.**,  
66; monthly column

Johnsen, M. A., **Jan.**, 27

Jungermann, E., **Jul.**, 77

Kabara, J. J., **Nov.**, 77

Kaplin, I. J., **Aug.**, 22

Kashibuchi, N., **Aug.**, 51

# CLINDROL

## Thickeners

for personal care products are multi-functional. They are suitable for use in

### HAND CLEANERS BATH GELEE'S SHAMPOO BUBBLE BATH

For imparting viscosity and the desirable lubricating feel of soap in hand and skin cleansers there is

#### CLINDROL LT 15-73-1

This surfactant is especially effective with

#### Alpha olefin sulfonates Amphoteric

Extra viscosity and foam stability in alpha olefin sulfonate systems may be obtained with combinations of CLINDROL LT 15-73-1 and CLINDROL 100MCG.

For formulations based on lauryl sulfates and lauryl ether sulfates

#### CLINDROL Superamide 100L

#### CLINDROL Superamide 100LM

#### CLINDROL Superamide 100C

#### CLINDROL Superamide 100CG

provide thickening and foam stability. Flowing gel consistency is also obtained with

#### CLINDROL Superamide 100S CLINDROL 200S

The latter two surfactants are also emulsifiers and thus perform a dual role.

Whatever physical appearance you may require in your product in an aqueous system there is a CLINDROL thickener for you. For information write:

## CLINTWOOD CHEMICAL COMPANY

**Chicago, Illinois 60609  
4342 S. Wolcott Avenue**

*Chemistry for Cleanliness*

Kato, S., Aug, 51  
Katsura, H., Nov, 65  
Kenney, D., Feb, 71; Nov, 71;  
monthly column  
Koiso, I., Aug, 51

Lachapelle, G., Jun, 63  
Lauffer, P. G., Feb 43; May,  
7; Aug, 34; Dec, 49  
Leung, P. S., Jul, 55  
Lin, T. J., Jan, 13; Mar, 21; May,  
13; Jun, 16; Jul, 1; Sep, 21; Sep,  
77; Dec, 23

Maddox, D. N., Nov, 85  
Maher, W. J., Nov, 96  
Makino, M., Aug, 51  
Markland, W. R., Feb, 38  
Markowski, T., Oct, 40  
Mausner, J., Jul, 41  
McCarthy, T. J., Nov, 61  
McDevitt, R. J., Jan, 57  
Merker, P. C., Jul, 35  
Mochizuka, M., Aug, 51  
Monti, P. G., Jan, 51  
Moskowitz, H. R., Mar, 35

Nakano, H., Aug, 51  
Nguyen, P., Dec, 43  
Nozawa, S., Aug, 51

Orth, D. S., May, 61

Pader, M., May, 40  
Palefsky, I., Feb, 77  
Peter, M. G., Jul, 8  
  
Rieger, M. M., Feb, 33; Aug, 27;  
Oct, 49  
Root, M. J., Jan, 68  
Rosen, W. E., Jun, 49; Nov, 89  
  
Schmolka, I. R., Oct, 61  
Schwan, A., Aug, 22  
Shaku, M., Aug, 51  
Shapiro, W. B., Mar, 27  
Shaw, D., Jan, 35  
Steinberg, D. C., Nov, 89  
Sturelle, C., Dec, 33

Tagami, H., Jun, 39  
Tao, G., Sep, 80  
Thau, P., Dec, 43  
Thomas, M. J., Oct, 69  
Tsunoda, I., Sep, 6  
  
Wenninger, J. A., Nov, 57  
Wernette, C. M., Nov, 77  
Wild, J. E., Feb, 79 Oct, 69  
Wilkinson, J. B., Oct, 45

Yanagi, M., Nov, 65  
  
Zahn, H., Aug, 22  
Zeelie, J. J., Nov, 61



## Index to Advertisers

Amerchol Corporation	Cover IV
American Aromatics	45
Basi per Profumeria e Saporeria	11
Bellmay Creative Fragrances	17
Bioscience Inc.	71
Clintwood Chemical Co.	70
Costex, Inc.	51
Emular Inc.	32
Evan's Chemicals	32
Fidrenich Inc.	Cover III
Florasynth Inc.	4
Fritzsche Dodge & Olson, Inc.	9
Gattefosse Corp.	6
Gibraltar Biological Laboratories, Inc.	71
Goldschmidt Chemical Corp.	1
W. R. Grace & Co./Organic Chemicals Div.	41
Intarome, Inc.	34
Don Laiderman Assoc., Inc.	71
Karen Lane Assoc., Inc.	71
Leberco Laboratories	71
Dr. Madis Laboratories, Inc.	7
Merck & Co., Inc.	25
Shaw Mudge & Co.	41
E. Pizante, Ltd.	71
PPF International	14, 15
R.I.T.A. Corporation	36, 37
Robeo Chemicals, Inc.	63
Sutton Laboratories, Inc.	57
Laboratori Vey	46
Wickham Products, Inc.	8
W.I.T.H. Professional Resources Inc.	71

